

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085134.D
 Acq On : 06 Dec 2024 18:03
 Operator : JC\MD
 Sample : P5068-04 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 23:11:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.812	128	27383	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128352	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	118770	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64928	29.883	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	12.847	95	45902	23.358	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.867%
63) Toluene-d8	10.565	98	157552	28.279	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.267%
Target Compounds						
25) Chloroform	7.965	83	3378m	0.998	ug/l	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

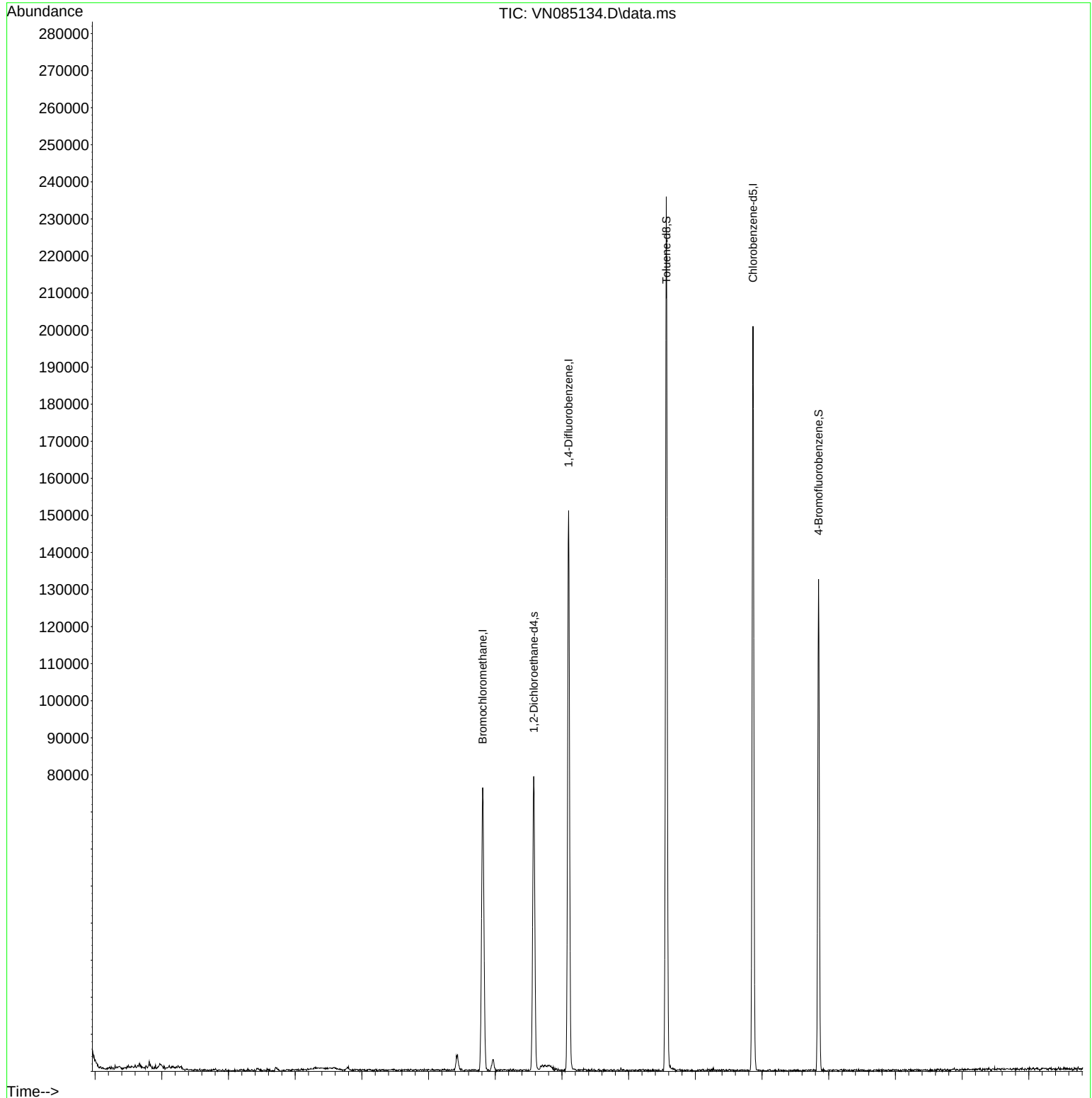
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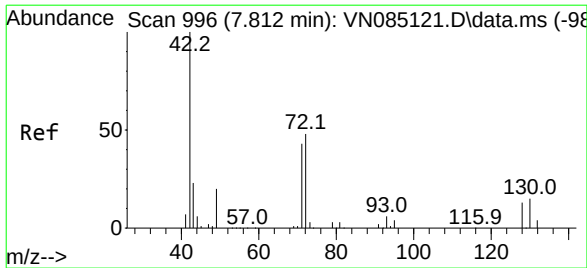
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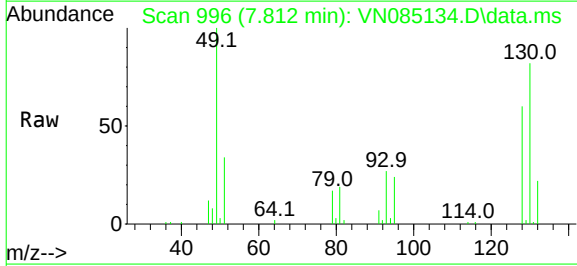
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 06 22:50:42 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

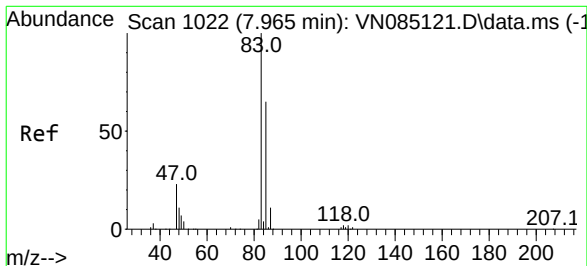
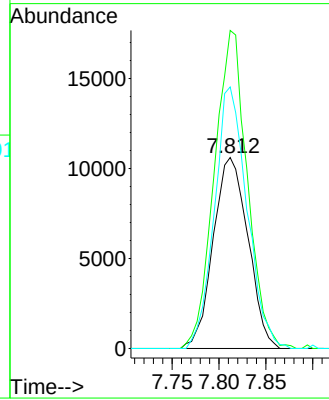
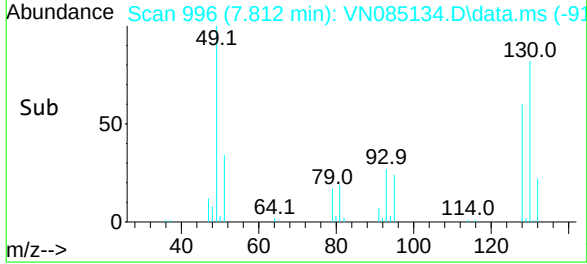
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ClientSampleId :
14B-4



Tgt Ion: 128 Resp: 27383
Ion Ratio Lower Upper
128 100
49 157.1 0.0 394.5
130 128.3 0.0 316.5

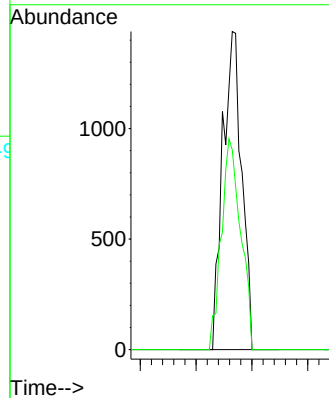
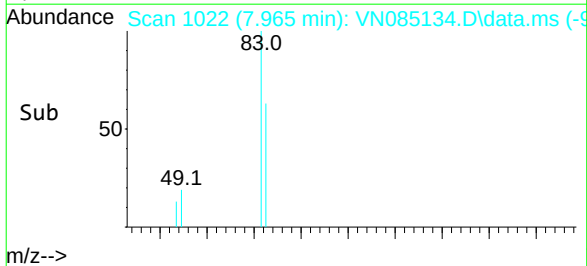
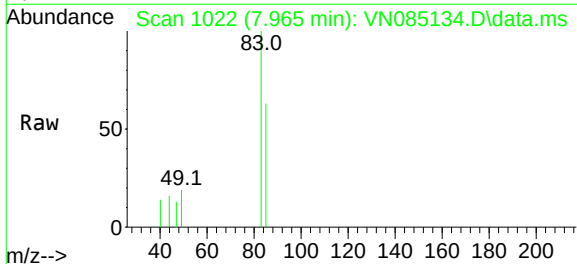
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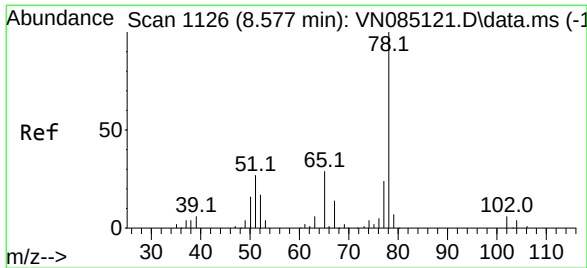
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Supervised By :Semsettin Yesilyurt 12/09/2024



#25
Chloroform
Concen: 0.998 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

Tgt Ion: 83 Resp: 3378
Ion Ratio Lower Upper
83 100
85 62.8 49.4 74.0





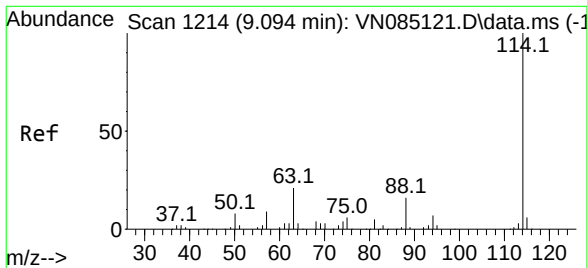
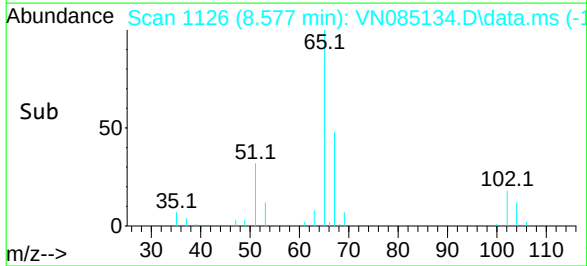
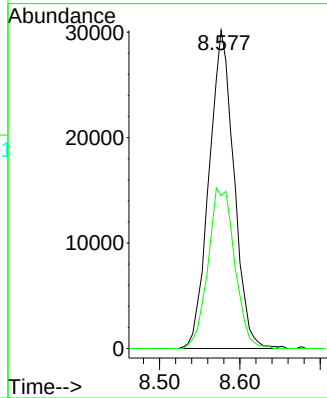
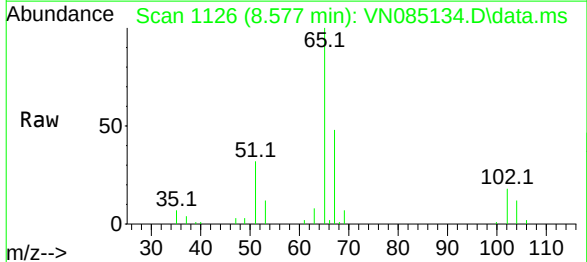
#27
1,2-Dichloroethane-d4
Concen: 29.883 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tgt Ion: 65 Resp: 64928
Ion Ratio Lower Upper
65 100
67 53.8 39.9 59.9

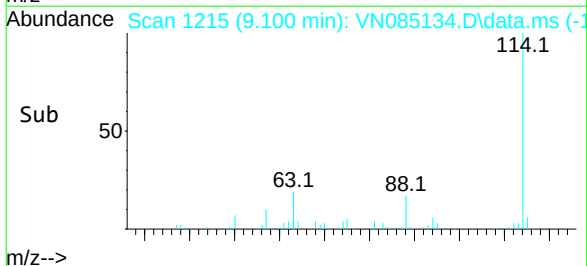
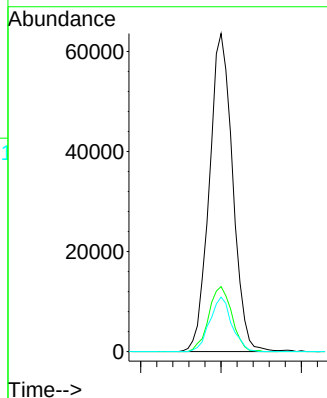
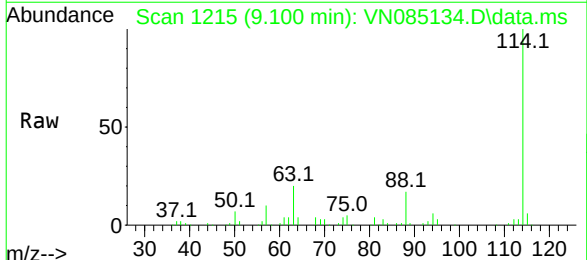
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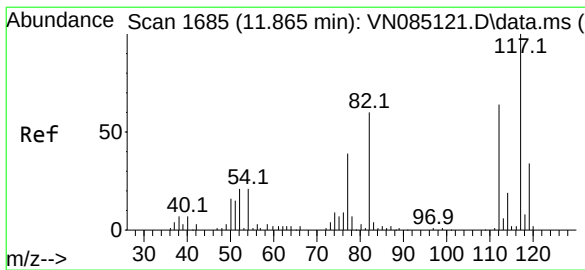
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

Tgt Ion:114 Resp: 128352
Ion Ratio Lower Upper
114 100
63 20.2 16.2 24.2
88 16.1 12.5 18.7





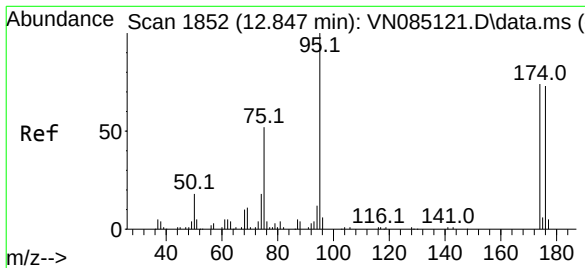
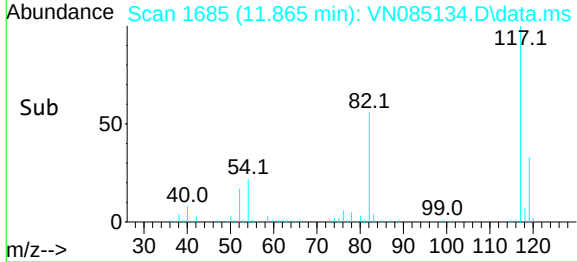
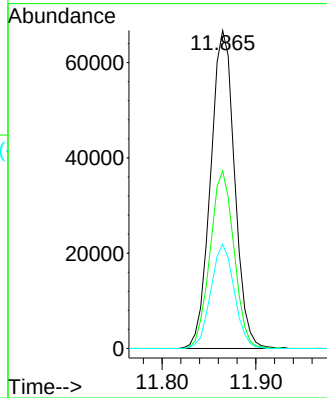
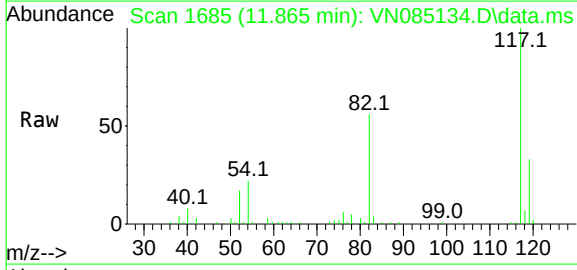
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tgt Ion:117 Resp: 118770
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 32.0 25.4 38.2

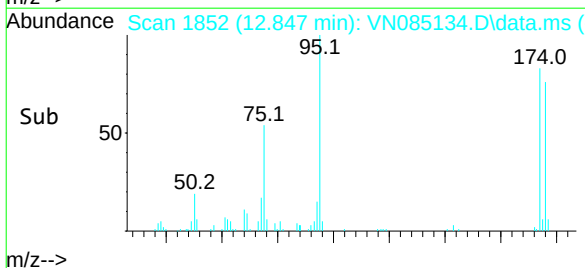
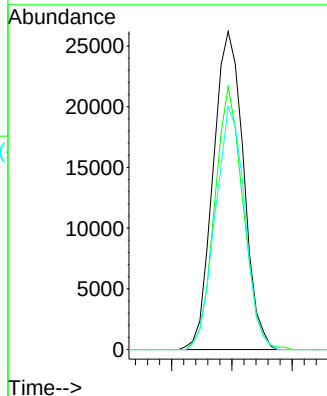
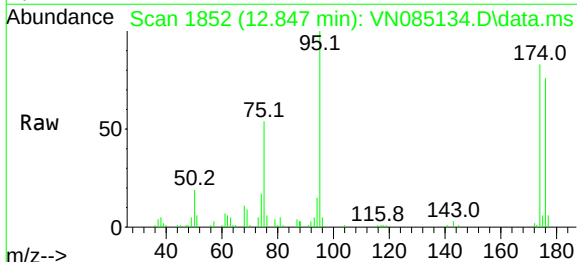
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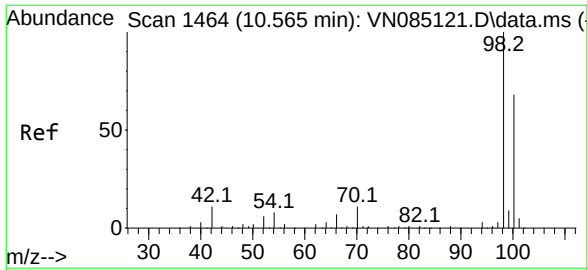
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Supervised By :Semsettin Yesilyurt 12/09/2024



#60
4-Bromofluorobenzene
Concen: 23.358 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

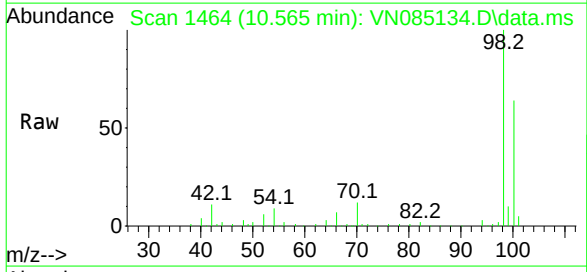
Tgt Ion: 95 Resp: 45902
Ion Ratio Lower Upper
95 100
174 77.6 60.3 90.5
176 74.3 57.4 86.0





#63
Toluene-d8
Concen: 28.279 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085134.D
Acq: 06 Dec 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 98 Resp: 157552
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

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